

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

REPORT OF PROPERTY AND WELL TRANSFER

Field or county VARIOUS FIELDS		District 04	
Former owner Vintage Production California LLC		Operator code V1370	Date 02/26/16
Name and location of well(s) PLEASE SEE ATTACHED LIST OF WELLS Fields: Ant Hill, Antelope Hills North, Belgian Anticline, Belridge South, Bowerbank, Buena Vista, Canfield Ranch, Chico-Martinez, Cymric, Devils Den, Jerry Slough, Kern Front, Kern River, Landslide, Los Lobos, Lost Hills, Lost Hills Northwest, McDonald Anticline, McKittrick, Midway Sunset, Monument Junction, Mount Poso, Mountain View, Paloma, Pioneer, Plieto, Rio Viejo, Rose, San Emidio Nose, Semitropic, Shafter North, Strand, Tejon, Tejon North, Ten Section, Wasco, Wheeler Ridge, Yowlumne			
Description of the land upon which the well(s) is (are) located:			
Date of transfer, sale, assignment, conveyance, or exchange 12/01/2014	New owner California Resources Production Corporation Address 11117 River Run Boulevard Bakersfield CA 93311	Operator code C0885	Type of organization Corporation Telephone No. 661-869-8000
Reported by Vintage Production California LLC (V1370)			
Confirmed by California Resources Production Corporation (C0885)			
New operator new status (status abbreviation) PA	Request designation of agent		
Old operator new status (status abbreviation) Ab	Remarks RETAIN SPOT LOC:		
OPERATOR STATUS ABBREVIATIONS	District Deputy William Bartling		Signature 
	FORM AND RECORD CHECK LIST		
PA - Producing Active	Form or record	Initials	Date
NPA - No Potential, Active	Form OGD121		
PI - Potential Inactive	Form OGD140		
NPI - No Potential, Inactive	New well cards		
Ab - Abandoned or No More Wells	Well records		
	Electric logs		
	Production reports		

A.P.I. No. 030- 37749

Intent & Type	Drill OG						
"P" Report No.	P408-6378						
Supp. No.							
Supp. No.							
Proposed Pool	05						
Completed Pool							
Status & Date	06-23-9						
	Checked	Hold	Checked	Hold	Checked	Hold	Checked
History	✓	W					
Summary	✓	W					
Core							
SWS							
E-Log	(Combo) ✓						
Density/Neutron							
CBL							
Directional Survey							
"T" Report							
Environmental							
Location	✓		see summary				Map Change Yes
Elevation w/Datum	839 KB			✓	DH (yr-TD)		Lease Line
Map Letter/ Date & Initials	438 L 9-1-09						
Drill Card	2124	✓ 9-1-09					
Initial Production							
6 Mo. Production							
Hold (Date & Init.)	DATE 3-11-09						
Records Approved	Billish 9-29						
EDP Clerk							
Confidential Clerk							
Form 121	Comp 121	2/19/10/09					
Bond No./ Date	PR						
Bond Release Date							
Form 150 (Release)							
Remarks:							
Final Letter Approval:	All Required tests performed and records received.			Form 159 Final Letter:			

WELL SUMMARY REPORT

API No. 04-030-37749

Operator Vintage Production California, LLC		Well 279				
Field (and Area, if applicable) Kern Front		County Kern	Sec. 23	T. 28S	R. 27E	B.&M. MD
Location of well (Give surface location from property or section corner, street center line) .408.84' NORTH and 1130.88' WEST from the SOUTHEAST corner of SEC 23.					Elevation of ground above sea level: 828.9'	
Lat./Long. in decimal degrees, to six decimal places, NAD 83 format: Lat: 35.4714036 N Long: -119.0332216						

Was the well directionally drilled? Yes No If yes, show coordinates (from surface location) and true vertical depth at total depth.

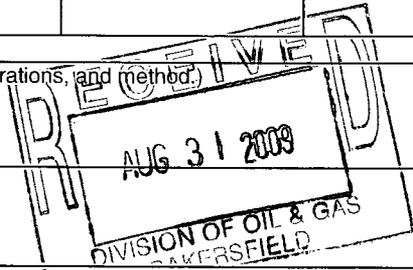
Commenced drilling (date) 01/20/2009	(1st hole) 2124'	Total depth		Depth measurements taken from top of: <input checked="" type="checkbox"/> Derrick Floor <input type="checkbox"/> Rotary Table <input checked="" type="checkbox"/> Kelly Bushing
Completed drilling (date) 01/23/2009		(2nd)	(3rd)	
Commenced production/injection (date) 02/16/2009				Which is 10' feet above ground.
Production mode: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas lift	Present effective depth 2124'		GEOLOGICAL MARKERS Etchegoin/Chanac	
Name of production/injection zone(s) Etchegoin/Chanac	Junk? Describe: None		DEPTH 1668 / 1859	
			Formation and age at total depth Chanac 6-9Ma	Base of fresh water N/A

	Clean Oil (bbl per day)	API Gravity (clean oil)	Percent Water (including emulsion)	Gas (Mcf per day)	Tubing Pressure	Casing Pressure
Initial Production	14	14.4	95%	N/A	50	N/A
Production After 30 days	4	14.4	98%	N/A	50	N/A

CASING AND CEMENTING RECORD (Present Hole)

Size of Casing (Inches API)	Top of Casing	Depth of Shoe	Weight of Casing	Grade and Type of Casing	New (N) or Used (U)	Size of Hole Drilled	Number of Sacks or Cubic Feet of Cement	Depth of Cementing (if through perforations)	Top(s) of Cement in Annulus
10 3/4"	Surface	50'	45#	J-55	N	20"			
7"	Surface	1831'	23#	J-55	N	8 3/4"	286 cu/ft lead cement 101 cu/ft tail cement		
5 1/2"	1799'	2215'	15.5#		N	11"			

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforations, and method.)
1799' - 2215' 30M-48R-2"S-6"C slotted liner



Logs/surveys run? Yes No If yes, list type(s) and depth(s).
HRAI-SD-DSN

In compliance with Sec. 3215, Division 3, of the *Public Resources Code*, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Name of person filing report Deborah Young	Telephone Number 661-869-8000	Signature <i>Deborah Young</i>	Date 8/27/09
Address 9600 Ming Avenue, Ste. 300		City/State Bakersfield, CA	Zip Code 93311
Individual to contact for technical questions: Ali Al Kalbani	Telephone Number 661-869-8000	E-Mail Address:	

HISTORY OF OIL OR GAS WELL

Operator: Vintage Production California, LLC
Well: SEC 23 279

Field: KERN FRONT
Sec: 23 **T:** 28S **R:** 27E

County: KERN
M.D. B. & M.

API#: 04-030-37749

Name: Ali Al Kalbani
(Person submitting report)

Title: Operations Engineer
(President, Secretary, or Agent)

Signature: _____

Date: 08/17/2009

9600 Ming Ave. , Suite 300 , Bakersfield, CA. 93311
(Address)

(661) 869-8000
(Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items such as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

New Well Completion Report

Work Type	Primary Reason	Secondary Reason	Start Date	End Date
DEV DRILLING	ORIG DRILL VERT		01/20/2009	01/23/2009

1/19/2009 @06:00 to 01/20/2009 @06:00

Held safety meeting with rig crews and truck crews. Move Ensign 508 from Sec 23 278 to Section 23 279. Rig up. Start operation @ 10:00. Install Hydrill and diverter. Mix spud mud. Held pre-spud safety meeting and safety walk through with Ensign crew. Make up 8.75" rotary drilling assembly. Function test Hydrill and diverter. Spud in @ 12:00 on 01/20/2009. Rotary drill 8.75" hole from 50' to 530. No mud loss. ROP 137 FPH. Circulate and survey at 530'. Rotary drill 8.75" hole from 530' to 1028'. ROP 166 FPH. No mud loss. Circulate and survey @ 1028'. Rotary drill 8.75" hole from 1028' to 1216". Lost circulation @ 1216 ft. Pull out of hole. Pulled free. Mix LCM, sawdust & prima seal, 15# per bbl. Make up bit #2. Run in hole to 1216 ft. Ream from 850 to 870 ft. 20 ft of fill. Pump 120 bbls of LCM while drilling. Drill 8 3/4" hole from 1216 ft to 1528 ft with no returns. Drill with water. Sweep hole every 60 to 90 ft with HI-VIS mud.

1/20/2009 @06:00 to 01/21/2009 @06:00

Survey @ 1528 ft. Rotary drill 8 3/4" hole from 1528 ft to 1714 ft. No returns. Pump 90 BBLS of HI-VIS mud. Wipe hole from 1714 ft to 680 ft. Pulled 15 to 20K over from 1360 ft to 1300 ft. Run in to 1714 ft. Rotary drill 8 3/4" hole from 1714 ft to 2215 ft with no returns. Pump 130 BBLS of HI-VIS mud. Survey at 2215 ft. Pull out of hole. Lay down DCS & monel. Pulled 15 to 25K over from 2215 to 1890 ft. Make up 8 3/4" bit & under gage stabilizer Run in hole to 2215 ft. Spot ream from 1830 ft to 2130 ft. Pump 130 BBLS of HI-VIS mud. Pull out of hole. Pulled free. Hold safety meeting with Halliburton Logging and Ensign rig crews. Rig up and run (HRAI- Ctemp, SDL-, DSN,). Tag @ 2215 ft. Log from 2205 ft to 48 ft. HSM with West coast casing & crew. Rig up. Ran casing; 42 joints of 7" 23# K-55, LTC casing, shoe @ 1833 ft. Rig down casing crew. Rig Up Cement head and attempt to pump sweep. Casing Plugged. Worked pipe and pumped using cementing unit at 3000 psi without success. Casing Plugged. Waiting on Baker Atlas wire line unit to shoot holes in casing. 3-1/8" Gun ordered with 4 guns of 0.5". Held safety meeting and rigged up Baker Atlas unit, ran in the hole with guns and found obstruction at 1755 ft. Shots fired at 1750 ft inside 7" casing. Unable to circulate, casing still plugged. Worked Casing without problem. Decided to call Casing Running company to lay Casing down.



HISTORY OF OIL OR GAS WELL

Operator: Vintage Production California, LLC
Well: SEC 23 279

Field: KERN FRONT
Sec: 23 T: 28S R: 27E

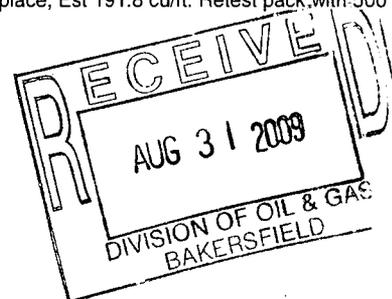
County: KERN
M.D. B. & M.

1/21/2009 @06:00 to 01/22/2009 @06:00

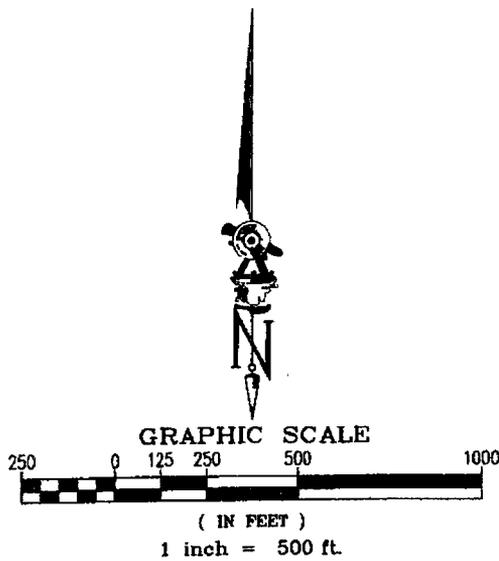
Waiting on Casing Tongs and operator to lay down 7" casing.
Held safety Meeting. Rigged Up Tongs and Laid down 42 joints of 7" casing. Rigged down Casing Tongs.
Cleaned rig and location due to laying down 42 joints of wet casing.
Check casing joints and threads. Pull bad joints out and arrange new Casing tally.
Make up cleaning assy with 8-3/4" Bit and Stabilizer. Ream spots where tight hole was detected on first run around 720 ft and 1010 ft.
Condition Mud and circulate with 100% returns.
Ream hole from 1010 ft to 1606 ft in preparation for casing run.
Condition Mud and circulate with 100% returns.
Ream hole from 1060 ft to 1850 ft in preparation for casing run.
Condition Mud and circulate with 100% returns. Pull out of hole.
HSM with West coast casing & crew. Rig up. Ran casing; 42 joints of 7" 23# K-55, LTC casing, shoe @ 1831 ft. Rig down casing crew.
Drop bottom plug, load top plug, test lines to 2500 psi. Pump 10 bbls Mud Clean 1 and lead cement @ 12.5 ppg 90 sks, 50.8 bbls, 286 cu ft Type III, with 2% BOWC CaCl₂, 0.5% BWOC EC-1, 8% BWOC Kol Seal, 2 gal/100sx FP-6L, 35% Silica Flour, 10% BWOC AEF-15, 5% BWOC MPA-1, yield 3.17. Pump tail cement 50 sks, 18 bbls, 101 cuft of 14.2 ppg, yield 2.02, Type III cement with, 6% BWOC A-10, 2 gal/100sx FP-6L, 0.5% BWOC Sodium Metasilicate, 35% BWOC Silica Flour 1% cacl₂. Drop top plug and displace with 70.8 bbls of water at 4.2 bbl/min, lift pressure 640 psi. Bump plug with 1340 psi. No Returns. Hold pressure for 5 mins. Float held. CIP @ 1555 Hrs.
Rig down cementers. Back out landing joint.
Rig down diverter system. Nipple down Hydrill.
Weld on 7 1/16" 2M X 7" SOW. Test weld to 1000 psi.
Install Hydril & choke and kill line.
Run in hole with 6 1/4" bit and Heavy weight drill pipe to insert
Test casing Hydril, choke and kill line to 1000 psi for 10 min. Good test.
Change over to HEC/ 3%KCL
Pull out of hole for under reamer.

1/22/2009 @06:00 to 01/23/2009 @06:00

Drill out insert @ 1785 ft, cement to shoe 1831 ft. Run in hole to 2215 ft.
Change over to HEC/ 3%KCL
Pull out of hole for under reamer.
Make up 6" X 11" under reaming assembly and run in hole to 1785 ft.
Scrape lap from 1785 ft to 1831 ft, cut shoulder, under ream 8 3/4" hole to 11" from 1831 ft to 2215 ft.
Pump hi-vsi sweep. Circulate clean.
Pull out of hole lay down under reamer.
Held safety meeting with West Coast and Ensign crews. Make up and run 11 joints of 5 1/2" 15.5# J-55 LTC slotted liner (30 mesh - 48row - 2" slots - 6" center). Top joint 1.17' SSA, (11.16' Blank - 10.10' Semi Perf - 24.94' Full Perf) Total 416.40 ft. Pick up 2 3/8" tubing inner string.
Run in hole with 5 1/2" slotted liner. Shoe @ 2215 ft. Top of liner @ 1798.59 ft of lap, 7" Shoe @ 1831 ft.
Change over to 3% KCL with Breaker.
Gravel pack well with 6x9 gravel. Packed off with 500 psi. Pumped 249 cu/ft. Reverse out 2 cu/ft. 247 cu/ft in place, Est 191.8 cu/ft. Retest pack with 500 psi.
Release form liner, Set SSA. Rig down gravel packer.
Lay down drill pipe and tubing. Lay down excess drill pipe.
Install tubing hanger. Nipple down Hydril. Rig released @ 16:30 hrs 01-23-09
Rig down. Will move to SEC 14 33.
Wait on daylight.

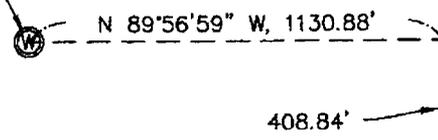


E/4 CORNER
SEC 23, 28/27



N 00°03'01" E, 2645.04'

WELL 281
CONDUCTOR LOCATION



WELL 281, FOUND CONDUCTOR, UP 1'			
CALIFORNIA GRID COORDINATE SYSTEM ZONE 5			
NAD 83 - NAVD 88		NAD 27 - NGVD 29	
N	2359471.0	N	719047.8
E	6254005.8	E	1692610.4
GND EL.	828.9'	GND EL.	826.1'
LAT	35.4714036 N	LAT	35.4714488 N
LONG	119.0332216 W	LONG	119.0322870 W



WELL NO. 281

FROM THE SOUTHEAST CORNER OF SECTION 23, 28/27, M.D.M.
408.84' NORTHERLY ALONG SECTION LINE, THENCE 1130.88' WESTERLY AT RIGHT ANGLES

BEARINGS AND DISTANCES ON THIS PLAT ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), NAD83 DATUM, USING GPS TIES TO LOCAL NGS HPGN
ELEVATIONS ARE BASED ON THE NAVD88 DATUM USING GPS TIES TO LOCAL NGS BENCH MARKS.
CONVERSIONS TO NAD27 AND NGVD29 PERFORMED BY CORPSCON FOR WINDOWS, VERSION 5.11.05

THIS PLAT CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION DURING NOVEMBER, 2008.

Gregory G. Owens
GREGORY G. OWENS L.S. 4657

Berry & Associates
Land Surveying
5401 BUSINESS PARK SOUTH
SUITE 114
BAKERSFIELD, CA 93309
(661) 325-1235

VINTAGE PRODUCTION
CALIFORNIA L.L.C.
FINAL WELL LOCATION
WELL NO. 281 API# 030-37750
SECTION 23, T. 28 S., R. 27 E., M.D.M.
KERN COUNTY, CALIFORNIA

DRAWN BY: LRC
CHECKED BY: GGO
JOB NO.: 08-020
DWG.: 8020w.dwg
PLAT NO.: 281-(F)
DATE: 11/25/08
SHEET 1 OF 1



DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS & GEOTHERMAL RESOURCES

No. P408-6378

PERMIT TO CONDUCT WELL OPERATIONS

	Old	New
FIELD CODE	=	<u>338</u>
AREA CODE	=	<u>00</u>
POOL	=	<u>05</u>

Mr. Richard Oringderff
Vintage Production Calif. LLC (V1370)
9600 Ming Ave #300
Bakersfield, CA 93311

Bakersfield, California
October 21, 2008

Your proposal to DRILL well 279, A.P.I. No. 030-37749, Section 23, T. 28S, R. 27E, MD B. & M., Kern Front field, -- area, Etchegoin pool, Kern County, dated 10/9/2008, received 10/10/2008 has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Prior to commencing operations, an operator's representative shall instruct all operator's rig personnel, or drilling contractor's representative, on the potential hazards and control of wells which operate in active steam zones or areas of anomalous zone pressures.
2. Hole fluid of a quality and in sufficient quantity to control all subsurface conditions in order to prevent blowouts shall be used.
3. Sufficient cement shall be used to fill the annular space of the 10 3/4" and 7" casing(s) to the surface.
4. The well shall be equipped with a minimum 6" diverter system on the conductor pipe.
5. The specified blowout prevention equipment, as defined by DOG Manual M07, is considered minimal and shall be maintained in operating condition at all times on the 7" casing, DOG Class II 2M and hole fluid monitoring equipment A.
6. All drilling fluid shall be disposed of according to Regional Water Quality Control Board regulations.
7. Prior to flaring, this Division shall be notified and a permit must be obtained from the San Joaquin Valley Unified Air Pollution Control District.
8. No change in the proposed program shall be made without prior approval of this Division.

Blanket Bond

Hal Bopp
State Oil and Gas Supervisor

Engineer Thomas M. Giallonardo

Direct (661) 334-3663

Office (661) 322-4031

TMG/tw

By 
Randy Adams
Deputy Supervisor

A copy of this permit and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

OG111

mt

10-14-08
10/14/08 TW
10-16-08
Shicape
WS

NOTICE OF INTENTION TO DRILL NEW WELL

C.E.Q.A. INFORMATION			
EXEMPT <input type="checkbox"/>	NEG. DEC. <input type="checkbox"/>	E.I.R. <input type="checkbox"/>	DOCUMENT NOT REQUIRED BY LOCAL JURISDICTION <input checked="" type="checkbox"/>
CLASS _____	S.C.H. NO. _____	S.C.H. NO. _____	
See Reverse Side			

FOR DIVISION USE ONLY				
MAP	MAP BOOK	CARDS	BOND	FORMS
				114 121
438	197-09		BQ	✓ ✓

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to commence drilling well Section 23 279, well type oil, API No 030-37749,
(Assigned by Division)

Sec. 23, T. 28S, R. 27E, MD&M, Kern Front Field, Kern County.

Legal description of mineral-right lease, consisting of _____ acres (attach map or plat to scale), is as follows:

Do mineral and surface leases coincide? Yes No . If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of well 1643 feet West along section / property line and 436 feet North
(Direction) (Check one) (Direction)

at right angles to said line from the Southeast corner of section / property 23 or
(Check one)

Is this a critical well according to the definition on the next page of this form? Yes No

If well is to be directionally drilled, show proposed coordinates (from surface location) and true vertical depth at total drilled depth:
_____ feet and _____ feet Estimated true vertical depth 2275'. Elevation of ground above
(Direction) (Direction)

sea level 820 feet. All depth measurements taken from top of Kelly Bushing that is 13 feet above ground.
(Derrick Floor, Rotary Table, or Kelly Bushing)

PROPOSED CASING PROGRAM

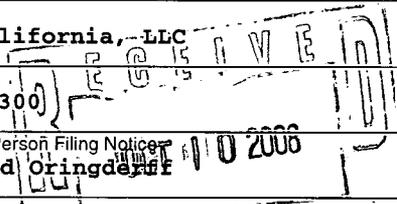
SIZE OF CASING INCHES API	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS	CALCULATED FILL BEHIND CASING (Linear Feet)
10-3/4"	Conductor		Surf	53'	53'	40'
7"	23#	K-55	Surf	1703'	1703'	1690'
5-1/2"	17#	k-55	1670'	2275'	N/A	Slotted Liner

(A complete drilling program is preferred and may be submitted in lieu of the above program.)

Intended zone(s) of completion Etchegoin, 1700' TVD, 200psi Estimated total depth 2275'
(Name, depth, and expected pressure) (Feet)
Chanac, 1800' TVD, 210 psi

It is understood that if changes to this plan become necessary, we are to notify you immediately.

Name of Operator Vintage Production California, LLC	Type of Organization (Corporation, Partnership, Individual, etc.) Corporation
Address 9600 Ming Ave Suite 300	City Bakersfield Zip Code 93311
Telephone Number 661.869.8023	Name of Person Filing Notice Richard Oringderff Signature <i>Richard Oringderff by WF</i> Date Oct 9, 2008



Vintage Contact: Blade Wang 661.869.8145

This notice and an indemnity or cash bond shall be filed, and approval given, before drilling begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.